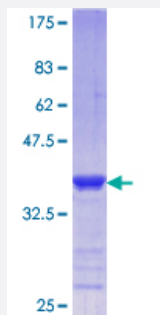


# PCGF2 (Human) Recombinant Protein (Q02)

Catalog # H00007703-Q02

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human PCGF2 partial ORF ( AAH04858.1, 236 a.a. - 294 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	LTLATVPTPSEGTNTSGASECESVSDKAPSPATLPATSSSLPSPATPSHGSPSSHGPPA
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	32.23
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (98)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PCGF2

Entrez GeneID [7703](#)

GeneBank Accession# [BC004858](#)

Protein Accession# [AAH04858.1](#)

Gene Name PCGF2

Gene Alias MEL-18, MGC10545, RNF110, ZNF144

Gene Description polycomb group ring finger 2

Omim ID [600346](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene contains a RING finger motif and is similar to the polycomb group (PcG) gene products. PcG gene products form complexes via protein-protein interaction and maintain the transcription repression of genes involved in embryogenesis, cell cycles, and tumorigenesis. This protein was shown to act as a negative regulator of transcription and has tumor suppressor activity. The expression of this gene was detected in various tumor cells, but is limited in neural organs in normal tissues. Knockout studies in mice suggested that this protein may negatively regulate the expression of different cytokines, chemokines, and chemokine receptors, and thus plays an important role in lymphocyte differentiation and migration, as well as in immune responses. [provided by RefSeq]

**Other Designations** ring finger protein 110|zinc finger protein 144

## Disease

- [Bone Neoplasms](#)
- [Disease Progression](#)
- [Kidney Failure](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)